

Converting Colors

Yxy(52.3147, 0.3063, 0.3440)

Have a look what the booklet for
Yxy(52.3147, 0.3063, 0.3440)
contains.

Yxy(52.2877, 0.3065, 0.3445)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.2877, 0.3065, 0.3445)

Conversions

Conversions Part 1

Format	Color
Hex	B1C4B8
RGB	177, 196, 184
RGB Percent	69%, 77%, 72%
CMY	0.3059, 0.2313, 0.2785
CMYK	0.10, 0.00, 0.06, 0.23
HSL	142°, 14%, 73%
HSV	142°, 10%, 77%
XYZ	46.5201, 52.2877, 52.9707
YIQ	188.9510, -7.4720, -7.7600

Conversions

Conversions Part 2

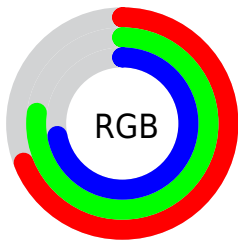
Format	Color
RYB	177, 191, 196
Decimal	11650232
CIELab	77.45, -8.78, 3.83
CIELCh	77, 9.574, 156.434
Yxy	52.2877, 0.3065, 0.3445
Android (android.graphics.Color)	4289840312 (0xFFB1C4B8)
YUV	188.9510, -2.4408, -10.4810
Hunter-Lab	72.3102, -11.7066, 7.1844

Details

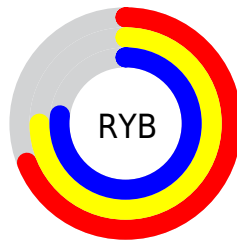
The Yxy color $52.2877, 0.3065, 0.3445$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $46.8565, 0.3195, 0.3140$, and the grayscale version is $50.8768, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.8655, 0.3078, 0.3420$, and $25.2698, 0.3044, 0.3484$ is the 20% darker color. If you saturate the color by 10%, you get $49.6533, 0.3002, 0.3624$, and if you desaturate by 10%, it is $55.3028, 0.3129, 0.3285$.

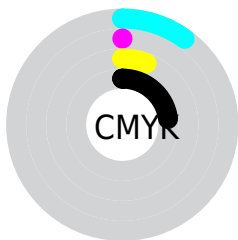
Distribution



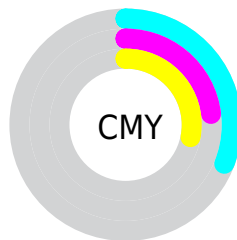
- Red (69%)
- Green (77%)
- Blue (72%)



- Red (69%)
- Yellow (75%)
- Blue (77%)



- Cyan (10%)
- Magenta (0%)
- Yellow (6%)
- Black (23%)



- Cyan (31%)
- Magenta (23%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.2877, 0.3065, 0.3445 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 52.2877, 0.3065, 0.3445 by changing the saturation by 10% instead.


 52.2877, 0.3065,
0.3445

 52.2877, 0.3065,
0.3445


395.5463, 0.3096,
0.3368

 37.2344, 0.3057,
0.3464


 93.5554, 0.3076,
0.3417

 25.3891, 0.3047,
0.3488


120.5386, 0.3080,
0.3407

 16.3672, 0.3034,
0.3521

152.2673, 0.3084,
0.3398

 9.7843, 0.3016,
0.3565

189.1258, 0.3087,
0.3390

 5.2562, 0.2989,
0.3632

231.4986, 0.3090,
0.3384

 2.3984, 0.2945,
0.3741

279.7700, 0.3092,

 0.8250, 0.2814,

0.3378

0.4073

334.3244, 0.3094,
0.3373

0.0000, 0.0000,
0.0000

52.2877, 0.3065,
0.3445

52.2877, 0.3065,
0.3445

49.6533, 0.3002,
0.3624

55.3028, 0.3129,
0.3285

47.3777, 0.2942,
0.3823

58.7064, 0.3193,
0.3145

45.4470, 0.2888,
0.4040

62.5140, 0.3255,
0.3021

43.8435, 0.2843,
0.4273

66.6623, 0.3311,
0.2913

42.5483, 0.2810,
0.4516

67.3995, 0.3219,
0.2795

■ 41.5401, 0.2792,
0.4762

■ 67.9635, 0.3154,
0.2713

■ 40.7950, 0.2792,
0.5001

■ 40.2848, 0.2809,
0.5225

■ 39.9585, 0.2841,
0.5424

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



52.2877, 0.3195, 0.3508



52.2877, 0.3065, 0.3445



52.2877, 0.2954, 0.3338

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.2877, 0.3065, 0.3445



52.2877, 0.2947, 0.3076



52.2877, 0.3372, 0.3352

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



52.2877, 0.3065, 0.3445



46.8565, 0.3195, 0.3140

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



52.2877, 0.3303, 0.3240



52.2877, 0.3065, 0.3445



52.2877, 0.3056, 0.3083

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52.2877, 0.3065, 0.3445



52.2877, 0.2886, 0.3125



52.2877, 0.3186, 0.3142



52.2877, 0.3374, 0.3450

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.2877, 0.3065, 0.3445



52.2877, 0.2904, 0.3259



52.2877, 0.3186, 0.3142



52.2877, 0.3356, 0.3314

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



52.2899, 0.3065, 0.3445



98.2697, 0.3108, 0.3337



53.4815, 0.3213, 0.3530



20.9371, 0.3102, 0.3350



0.0000, 0.0000, 0.0000



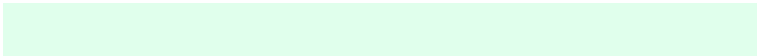
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.2899, 0.3065, 0.3445



93.4654, 0.3049, 0.3488



52.7019, 0.2997, 0.3322



11.3185, 0.3067, 0.3439



25.6824, 0.2834, 0.5404



1.1230, 0.2704, 0.4935

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



46.8565, 0.3195, 0.3140



81.3048, 0.3214, 0.3100



46.4571, 0.3274, 0.3258



10.1828, 0.3192, 0.3145



8.4949, 0.4390, 0.2192



0.3799, 0.4061, 0.2011

Previews

White Background



This preview shows how the Yxy color 52.2877, 0.3065, 0.3445 looks on a white background.

Color Contrast Check

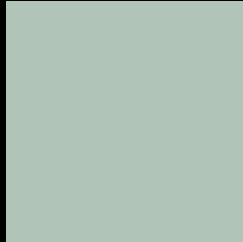
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 52.2877, 0.3065, 0.3445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

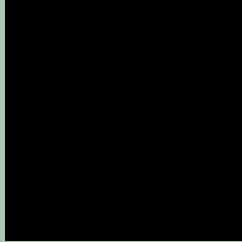
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

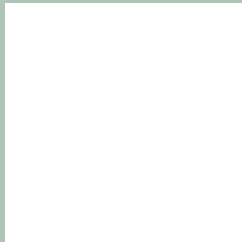
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.2877, 0.3065, 0.3445

Background



This preview shows how black text looks on a background with the Yxy color 52.2877, 0.3065, 0.3445.



This preview shows how white text looks on a background with the Yxy color 52.2877, 0.3065, 0.3445.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

52.2877, 0.3065, 0.3445

Protanopia

52.0334, 0.3255, 0.3402

Deuteranopia

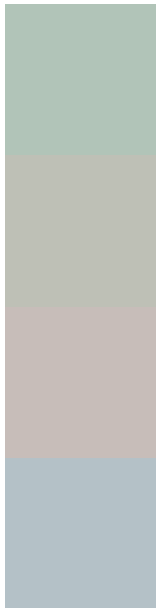
52.0920, 0.3341, 0.3279



Tritanopia

52.0771, 0.2925, 0.3091

Trichromacy



Original Color

52.2877, 0.3065, 0.3445

Protanomaly

52.0238, 0.3187, 0.3416

Deuteranomaly

52.0401, 0.3241, 0.3340

Tritanomaly

51.9667, 0.2981, 0.3214

Monochromacy



Original Color

52.2877, 0.3065, 0.3445

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.6014, 0.3108, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2877, 0.3065, 0.3445 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(177, 196, 184)` looks like.

```
.text, #text, p{  
    color:rgb(177, 196, 184)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(177, 196, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 196, 184) }
```

Border

The CSS property to change the border of an element to Yxy 52.2877, 0.3065, 0.3445 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 196, 184) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(177, 196, 184) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(177, 196, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 196, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 196, 184);  
box-shadow:4px 4px 4px 4px rgb(177, 196,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2877, 0.3065, 0.3445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 196, 184) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(177,  
196, 184) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor